

Abstract

A fluid recirculating cleaning device includes an exhaust port defining an exhaust port longitudinal axis, a fluid source end and an exhaust end defining a first cross-sectional area. A suction port includes a suction port longitudinal axis, a fluid exit end and a fluid entrance end defining a second cross-sectional area greater than the first cross-sectional area. The suction port includes a second outer surface that extends from the entrance end toward the fluid exit end. A vacuum blower motor sucks fluid in through the suction port to create fluid flow away from the vacuum motor and toward the exhaust port exhaust end. The exhaust port exhaust end is recessed from the suction port fluid entrance end and the two ports are located with respect to one another so that fluid flow from the exhaust port will be effectively drawn into the suction port.